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(54) SYSTEMS AND METHODS RELATING TO DESIGN OF MOBILE APPLICATIONS FOR DISPLAY ADS ON A LARGER SCREEN SPACE

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(56) References Cited

U.S. PATENT DOCUMENTS

2005/0108095	A1*	5/2005	Perlmutter	. 705/14
2010/0050129	A1*	2/2010	Li et al	715/849
2010/0162603	A1*	7/2010	Cruz	. 40/720
2011/0187709	A1*	8/2011	Lee et al	345/419
2013/0169687	A1*	7/2013	Williamson et al	345/656

FOREIGN PATENT DOCUMENTS

WO WO 2012125131 A1 * 9/2012 A63F 9/24

* cited by examiner

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(57) ABSTRACT

Techniques are provided which facilitate mobile applications displaying advertisements on a larger screen space without worrying about screen clutter or interference with application functionality. Motion events are triggered once a computerized device detects a threshold magnitude of tilt along a first, second, and/or third coordinate axis. A graphical display is presented to the user which includes at least one advertisement. Several embodiments of the graphical display include a three-dimensional object and full-screen display which are maintained so long as a magnitude of tilt of the computerized device is detected.

14 Claims, 5 Drawing Sheets

